

PATENT ABSTRACTS OF JAPAN

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(54) CONTENTS MANAGING DEVICE AND METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To eliminate any input mistake due to a manual operation and to reduce a labor and to uniformly manage the distribution of contents data or the preparation and disclosure of information related with the distribution of the contents data by a computer in a plurality of distribution services with a plurality of user terminals as targets.

SOLUTION: A master data base 103 stores an information table including various time information related with contents data to be distributed. A Web page preparing means 105 and a mobile page preparing means 107 prepare a page including the information related with the contents data by referring to the time information. Also a streaming server 110a stores only the contents data whose distribution is permitted according to the time information. Thus the configurations of every information related with the contents data and the configurations of the information distribution can be managed according to the time information stored in the master data base.

CLAIMS

[Claim(s)]

[Claim 1] A contents managing device characterized by comprising the following by

the side of contents distribution which manages information relevant to contents data and contents data which are distributed to the user terminal side.

An information storing means which stores an information table including a hour entry concerning said contents data.

An information preparing means which creates information relevant to said contents data with reference to said hour entry in said information table.

An offer-of-information means which enables an inspection of information relevant to said contents data from said user terminal.

A contents managing means to determine whether distribution of said contents data is enabled as said user terminal with reference to said hour entry from a distributing server which distributes said contents data.

[Claim 2]When distribution of said contents data is impossibleWhile said contents data is deleted from on said distributing server which distributes said contents data to said user terminalThe contents managing device according to claim 1wherein information which shows said contents data on said distributing server is deleted from information relevant to said contents data.

[Claim 3]At the time of an information disclosure opening day when said hour entry shows time of the beginning of time to permit public presentation of information about said contents data. At the time of an end date of information disclosure which shows time in the end of time to permit public presentation of information about said contents data. At the time of a distribution opening day which shows time of the beginning of time to permit distribution of said contents data. At the time of a distribution end date which shows time in the end of time to permit distribution of said contents data. The contents managing device according to claim 1 or 2 being any one or those combination at the time of an audition end date which shows time in the end of time to permit an audition of said contents data at the time of an audition opening day which shows time of the beginning of time to permit an audition of said contents data.

[Claim 4]A contents management method characterized by comprising the following by the side of contents distribution which manages information relevant to contents data and contents data which are distributed to the user terminal side.

A step which stores an information table including a hour entry concerning contents data.

A step which creates information relevant to said contents data and whose offer is enabled with reference to said hour entry at said user terminal.

A step which determines whether distribution of said contents data is enabled as said user terminal with reference to said hour entry from a distributing server which distributes said contents data.

[Claim 5]When distribution of said contents data is impossibleWhile said contents data is deleted from on said distributing server which distributes said contents data to said user terminalThe contents management method according to claim 4wherein information which shows said contents data on said distributing server is

deleted from information relevant to said contents data.

[Claim 6]At the time of an information disclosure opening day when said hour entry shows time of the beginning of time to permit public presentation of information about said contents data. At the time of an end date of information disclosure which shows time in the end of time to permit public presentation of information about said contents data. At the time of a distribution opening day which shows time of the beginning of time to permit distribution of said contents data. At the time of a distribution end date which shows time in the end of time to permit distribution of said contents data. The contents management method according to claim 4 or 5 being any one or those combination at the time of an audition end date which shows time in the end of time to permit an audition of said contents data at the time of an audition opening day which shows time of the beginning of time to permit an audition of said contents data.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention]This invention relates to the contents managing device and contents management method in the contents distribution system which distributes the contents data of a musical piecean imageetc. to various kinds of user terminals.

[0002]

[Description of the Prior Art]Conventionallythe contents distribution system which mainly distributes contents data to a user terminal via a network for the purpose of sale (sale) exists. In such a contents distribution systema musical piecean imageetc. are distributed as digital dataPortable communication terminalshighly efficient portable telephonesetc.such as the present and PC (personal computer-ersonal Computer) in which the Internet and a portable telephone network progressed especiallyand PDA (Py Dee Ey-ersonal Digital Assistant)With various kinds of user terminalscontents data is acquirable.

[0003]While various kinds of user terminals existthe method of distributing contents data towards those user terminals is also diversified. For examplethe method of supplying contents data by a high compression filethe method of supplying contents data as streamingthe method of supplying contents data to a portable telephone as digital data or analog voice dataetc. are mentioned. The method of still announcing to the client user side contents data through mediasuch as a methodradiotelevisionetc. which are sold in the shopwith CD (See Dee: Compact Disk) also exists.

[0004]When supplying contents data to various kinds of user terminalsthe processing method of contents data differs from the introducing method of the contents of contents dataetc. for every kind of each user terminal. Via the Internet especially by the case where contents data is supplied to user

terminalssuch as PCand the case where contents data is supplied to a portable telephone via a portable telephone network. Since two or more companies which the grammars of the display page for having contents data downloadedetc. differ greatlyand provide further the distribution service which distributes contents data to a portable telephone also existManagement of contents data is also independently performed for every kind of each user terminalor distribution service.

[0005]The portion which must perform unified management under different management for every user terminal on the other hand also exists. For examplethat musical piece is made not to be opened to the time before this removal-of-the-ban day entirelyand that musical piece is made to set up the open time called a removal-of-the-ban day about the contents data concerning the musical piece etc. which are newly announcedand to be exhibited after a removal-of-the-ban day simultaneously regardless of media.

[0006]According to this removal-of-the-ban daythe time of the contents data in a contents distribution system is also managed. In this casehe is trying to open a page for Weba page for mobileetc. which enable contents data and its download all at once simultaneously with the time of a removal-of-the-ban day to the client user side.

[0007]

[Problem(s) to be Solved by the Invention]Howeverthe work by the side of the contents distribution of uploading and opening various kinds of pages concerning contents data or it to the server for the user terminals of several kindsIt is carried out manually and the input mistake of publishing the information on the contents that other musical pieces are introduced accidentallysofor exampleor mistaking the link destination of a page may happen.

[0008]The time called a removal-of-the-ban day is interlocked with other mediasuch as television and radiois set upand is midnight in many casesfor example. Thereforeopening contents data to the user terminal of two or more kinds simultaneously at once is work which requires a labor dramaticallyand it may be in public presentation of information.

[0009]In two or more distribution services [in order to solve an aforementioned problemthis invention loses the input mistake by handicraftand aim at reduction of laborsand] for the user terminal of two or more kindsIt aims at providing the contents managing device and contents management method in the contents distribution system it becomes possible to unify and manage creationpublic presentationetc. of information concerning distribution of contents data or distribution of contents data by computer.

[0010]

[Means for Solving the Problem]In order to attain the above-mentioned purposestore an information table which includes various hour entries concerning contents data in this inventionand a hour entry indicated to the information table is referred toIt is made to manage information relevant to contents data displayed with a user terminaldistribution of contents dataetc.

[0011]Namelyaccording to this inventionit is a contents managing device by the

side of contents distribution which manages information relevant to contents data and contents data which are distributed to the user terminal sideAn information storing means which stores an information table including a hour entry concerning said contents dataAn information preparing means which creates information relevant to said contents data with reference to said hour entry in said information tableAn offer-of-information means which enables an inspection of information relevant to said contents data from said user terminalWith reference to said hour entrya contents managing device which has a contents managing means to determine whether distribution of said contents data is enabled as said user terminalfrom a distributing server which distributes said contents data is provided.

[0012]According to this inventionit is a contents management method by the side of contents distribution which manages information relevant to contents data and contents data which are distributed to the user terminal sideA step which stores an information table including a hour entry concerning contents dataA step which creates information relevant to said contents data and whose offer is enabled with reference to said hour entry at said user terminalWith reference to said hour entrya contents management method which has a step which determines whether distribution of said contents data is enabled as said user terminal from a distributing server which distributes said contents data is provided.

[0013]In the above-mentioned inventionwhen distribution of said contents data is impossibleWhile said contents data is deleted from on said distributing server which distributes said contents data to said user terminalIt is a desirable mode of this invention that information which shows said contents data on said distributing server is deleted from information relevant to said contents data.

[0014]At the time of an information disclosure opening day when said hour entry shows time of the beginning of time to permit public presentation of information about said contents data in the above-mentioned invention. At the time of an end date of information disclosure which shows time in the end of time to permit public presentation of information about said contents data. At the time of a distribution opening day which shows time of the beginning of time to permit distribution of said contents data. At the time of a distribution end date which shows time in the end of time to permit distribution of said contents data. It is a desirable mode of this invention that they are any one or those combination at the time of an audition end date which shows time in the end of time to permit an audition of said contents data at the time of an audition opening day which shows time of the beginning of time to permit an audition of said contents data.

[0015]

[Embodiment of the Invention]Hereafterthe embodiment concerning the contents managing device and contents management method of this invention is describedreferring to drawings. Drawing 1 is a lineblock diagram showing an example of a contents distribution system which realizes the contents managing device and contents management method of this invention. The contents distribution system shown in drawing 1 can be divided roughly into the network 30 which connects the receiver (client user side) 20 side of distribution side

(contents distribution side) of contents data 10 and contents data these distribution side and a receiver fundamentally.

[0016] Client user side 20 which receives contents data can be connected now to the networks 30 such as the Internet 301 and the telephone network 302 with the user terminals 201 such as the portable communication terminals 201b such as PC 201a and PDA and the portable telephone 201c. In connecting it with the network 30 from the portable telephone 201c it connects with the network 30 by the portable telephone network 303 and GW (gateway: Gate Way) 304.

[0017] On the other hand contents distribution side 10 which distributes contents data The contents database 101 the data input unit 102 the master database (information storing means) 103 the database 104 for Web the page preparing means 105 for Web the database 106 for mobile the page preparing means 107 for mobile the sound-source server 108 It is constituted by each distributing server (offer-of-information means) 110 such as the picture server 109 the streaming server 110a Web server 110b and the server 110c for mobile corresponding to two or more data distribution services for mobile and the voice streaming system 111 for portable telephones. By drawing 1 the three servers 110c for mobile are illustrated as the server 110c for mobile corresponding to two or more data distribution services for mobile.

[0018] The contents database 101 is a means to store the contents data of a musical piece an image etc. the contents data additional information the title name of contents data and the artist name were indicated to be etc. The data input unit 102 is a means which creates and inputs promotion data such as introduction (musical piece introduction etc.) of each contents data sales promotion information event information. The master database 103 is a means to store collectively the information table etc. in which contents data contents data additional information and promotion data and a hour entry were indicated.

[0019] The database 104 for Web is a means to store the data exhibited on Web among the data stored in the master database 103. The page preparing means 105 for Web is a means to process into the data for Web (page for Web) the data stored in the database 104 for Web.

[0020] The database 106 for mobile is a means to store the data whose inspection is enabled from the portable telephone 201c among the data stored in the master database 103. The page preparing means 107 for mobile is a means to process the data stored in the database 106 for mobile into the data for mobile (page for mobile) whose inspection is attained with the portable telephone 201c.

[0021] The sound-source server 108 is a means to process into streaming data the contents data (especially composition data) stored in the master database 103. The picture server 109 is a means to process the contents data (especially a picture and picture image data) stored in the master database 103 so that public presentation may become possible on Web.

[0022] The distributing server 110 is a means to distribute contents data to client user side 20 via the network 30. The streaming server 110a is a means to distribute contents data to PC which carries application for streaming 201a or the

portable communication terminal 201b as streaming. Web server 110b is a means to distribute contents data to PC which carries web browser 201a or the portable communication terminal 201b. The server 110c for mobile is a means to distribute contents data to the highly efficient portable telephone 201c which can transmit and receive digital data.

[0023] The operating companies which manage and manage each distributing server 110 differ. The tags of each page for an inspection differ or (The grammars which describe each page for an inspection differ). Since the data volume per [which can be transmitted to each user terminal 201] page is differing (the data volume per [which can be especially transmitted to the portable telephone 201c] page has restriction), two or more distributing servers 110 will exist.

[0024] Especially PC 201a, the portable communication terminal 201b and the portable telephone 201c. Since functions differ greatly, the page for mobile for PC 201a and portable communication terminal 201b, the pages for Web of ** and the portable telephones 201c. In the composition of the contents distribution system which being created individually is preferred and is shown in drawing 1. He is trying to establish individually the database 104 for Web corresponding to the page for Web and the page preparing means 105 for Web and the database 106 for mobile and the page preparing means 107 for mobile corresponding to the page for mobile respectively. On the other hand, both the information used for the page for mobile and the information used for the page for Web are included in an information table and the page for Web or the page for mobile is created using each information according to each distribution mode.

[0025] The page preparing means 105 for Web, the database 106 for mobile, the page preparing means 107 for mobile, the sound-source server 108, the picture server 109 etc. It is also an information control means which judges with which information client user side 20 is provided with reference to the information table stored in the master database 103, the database 104 for Web, the database 106 for mobile etc.

[0026] Next, based on the contents distribution system shown in drawing 1, signs that contents data is managed based on a hour entry are explained. First, the case where the information table stored in the master database 103, the database 104 for Web and the database 106 for mobile is updated based on the contents data stored in the contents database 101 is explained.

[0027] When it is going to distribute the contents data newly stored in the contents database 101 to client user side 20, the contents data to distribute is first copied to the master database 103 from the contents database 101. In this case, the data for an audition concerning that contents data (for example, data in which only the portion of rust was recorded, data recorded by predetermined time etc.) is also created. While being stored in the streaming server 110a through the sound-source server 108, the link to the data for an audition is stored in the master database 103.

[0028] On the other hand, in the data input unit 102, for example, the event information concerning musical piece introduction, artist introduction and the announcement of a new song etc. are inputted and it is stored in the master database 103 in relation to the contents data. From the data input unit 102, various

hour entries are set up in relation to information including the stored contents data and its title name an artist's information etc. and this hour entry is also stored in the master database 103.

[0029] At the time of the information disclosure opening day which opens information including a title name etc. to the page for Web or the page for mobile as a hour entry concerning contents data for example and the end date of information disclosure. The time of the distribution opening day of distribution (sale) of contents data and a distribution end date etc. are mentioned at the time of the audition opening day whose audition of the data for an audition is enabled and an audition end date.

[0030] Such a hour entry is mainly set up based on sales strategies such as a musical piece. For example when the contents data whose distribution it is newly going to enable is a new musical piece etc. generally the open time (time called what is called a removal-of-the-ban day) of the musical piece is set up. It becomes possible by setting up such a removal-of-the-ban day and the musical piece's being made not to be opened to the time before a removal-of-the-ban day entirely and exhibiting the musical piece simultaneously regardless of media after a removal-of-the-ban day to raise the attractiveness to consumers which is going to purchase the musical piece of client user side 20. An example of an information table including the hour entry stored in the master database 103 in drawing 4 from drawing 2 is shown.

[0031] Drawing 2 is a mimetic diagram showing an example of the artist information table stored in the master database. About this artist information table one table is set up for example to one artist (or 1 set). The time of the end date of information disclosure etc. are included in the artist information table at the time of the artist introductory information (the object for Web and for mobile) which introduces the artist identification code artist name and profile which identify an artist the artist's musical piece etc. and an information disclosure opening day.

[0032] The introductory information for Web which publishes artist introductory information to the page for Web The introductory information for mobile published to the page for mobile is prepared and it is preferred to create the page for mobile using the introductory information for mobile in the portable telephone 201c which has restriction in a display number of bytes. Although not illustrated it is also possible to indicate the information including the genre of a label (record company) or music the keyword for search (full width and half width) etc. that the artist belongs.

[0033] Drawing 3 is a mimetic diagram showing an example of the commodity information table stored in the master database. About this commodity information table one table is set up for example to one CD. CD identification code which identifies goods (CD) in a commodity information table the article title name which shows the title name of CD The time of the end date of information disclosure etc. are included at the time of the artist identification code which shows the artist of CD the release date of CD the price of CD the number of inclusion music contained in CD CD introductory information (the object for Web and for mobile) and an

information disclosure opening day.

[0034]It is preferred like the above-mentioned artist introductory information that the introductory information the object for Web and for mobile is prepared individually as CD introductory information. Although not illustrated it is also possible to indicate information including the genre of the musical piece contained in the label in which the CD is released and CD the keyword for search (full width and half width) etc.

[0035]Drawing 4 is a mimetic diagram showing an example of the distribution musical piece information table stored in the master database. About this distribution musical piece information table one table is set up for example to the musical piece of one music. The musical piece identification code which identifies a musical piece in a distribution musical piece information table the musical piece title name which shows the title name of a musical piece The artist identification code which identifies the artist of a musical piece CD identification code which identifies CD in which the musical piece was recorded The time of the audition end date of the data for an audition concerning the musical piece etc. are included at the time of the audition opening day of the data for viewing and listening concerning the musical piece at the time of the distribution end date of the contents data concerning the musical piece at the time of the price of the musical piece per music and the distribution opening day of the contents data concerning the musical piece. It is also preferred for it not to be concerned with information including a songwriter name a composer name etc. and the existence at the time of a distribution opening day but to form the flag of whether distribution of contents data is possible etc.

[0036]As mentioned above the information table set up about the information relevant to contents data is stored in the master database 103. And these information tables are further copied also to the database 104 for Web or the database 106 for mobile. As for a ringtone information table at this time it is preferred to be set up according to each use such as to make it copied only to the database 106 for mobile etc. so that an information table may be copied to each database for example. By the above preparation of creation of the page for Web opened to client user side 20 the page for mobile etc. is completed.

[0037]the page preparing means 105 for Web and the page preparing means 107 for mobile -- respectively -- the information in the database 104 for Web and the database 106 for mobile -- being periodical (every predetermined time) -- it is referred to and creation of the page for Web and the page for mobile is performed. the page preparing means 105 for Web and the page preparing means 107 for mobile -- an unillustrated time check -- having a means -- this time check -- the hour entry shown by a means is compared with the hour entry set as each information table and the page for Web or the page for mobile is created.

[0038]Various kinds are set to the page for Web and the page for mobile which are created by the page preparing means 105 for Web and the page preparing means 107 for mobile. For example the TOP page which introduces providing service the contents of updating etc. the newly-released-piece-of-music introduction page

which introduces the contents of new contents data (musical piece) They are an artist introduction page which introduces an artist's introduction the artist's event information concert information TV performance information etc. a musical piece page for an audition which exhibits the list of the musical pieces listening can be tried a retrieval page whose search of a desired musical piece a user enables from an artist name or a musical piece name etc. The page preparing means 107 for mobile is creating the page for mobile with reference to the introductory information for mobile [in an information table] and creates the page for mobile of the capacity according to the display letter counts of the portable telephone 201c. The page preparing means 107 for mobile also creates the ringtone page which enables download of a ringtone.

[0039] The page preparing means 105 for Web or the page preparing means 107 for mobile creates automatically the page for Web or the page for mobile by inserting the information which exists in each field with reference to each field in an information table. Namely in creating the page for Web or the page for mobile which introduces a certain artist's CD album for example. The title name of CD album indicated in the information table a release date With reference to an inclusion musical piece name contents introduction information etc. the page for Web or the page for mobile is created by inserting these information in the position of the page for Web or the page for mobile in a predetermined format.

[0040] Next based on the updated information table the case where the page for Web or the page for mobile of customer user side 20 which can be perused with the user terminal 201 is newly created by the page preparing means 105 for Web or the page preparing means 107 for mobile is explained. Since operation of the page preparing means 105 for Web and the page preparing means 107 for mobile is almost the same operation of the page preparing means 105 for Web is hereafter explained as an example.

[0041] For example the artist of an artist name "AAA" explains the case where CD album "BBB" of a title name is released. It is considered as the thing of "BBB-1" and "BBB-2" -- in which the musical piece is contained at an album "AAA."

[0042] In the commodity information table the time of an information disclosure opening day is indicated. The page preparing means 105 for Web creates the page for Web with reference to the time of the end date of information disclosure at the time of this information disclosure opening day. When the present date on which the page for Web is created passes over the time of an information disclosure opening day it is judged that the information on CD album "BBB" indicated there can be released and the page for Web which covered the contents is created. When the present date on which the page for Web is created passes over the time of the end date of information disclosure the page for Web corresponding to CD album "BBB" is made not to be exhibited entirely.

[0043] As for an artist's "AAA"'s artist introduction page a newly-released-piece-of-music introduction page etc. which are the artists of CD album "BBB" the description content link page etc. are updated to compensate for introduction of CD album "BBB." For example when the time of the information disclosure opening day

of CD album "BBB" passed to an artist's "AAA"'s artist introduction page. An artist introduction page is updated so that wording "CD album "BBB" releases sale of CD album "BBB" on a ** moon ** day" may be indicated or the link to the page for Web which introduces CD album "BBB" may be stuck.

[0044] For example a newly-released-piece-of-music introduction page classifies CD album further CD album already put on the market is introduced -- "the page for Web of extolment" on sale. The page for Web of "put nearness" which introduces CD album which has a release date in a predetermined period from before one week of sale (for example just before sale) A link is stuck on each page for Web of the page for Web of the "release news flash" which introduces CD album in which the release date is set up before the predetermined period.

[0045] And the introductory information of CD album "BBB" is released according to the release date and the present time of CD album "BBB." namely the introductory information of CD album "BBB" -- the release date or subsequent ones -- "the inspection possibility from the page for Web of extolment" on sale of. Within a period predetermined [in front of a release date] at the inspection possibility of and the time before it the page for Web is created from the page for Web of "put nearness" so that an inspection may become possible from the page for Web of "release news flash."

[0046] Refer for the page preparing means 105 for Web also at the time of an audition opening day and an audition end date at the time of the distribution musical piece opening day of the distribution musical piece information table in which the information about each musical piece recorded on CD album "BBB" such as "BBB-1" and "BBB-2" -- was indicated and the end date of a distribution musical piece. And when the present time is in between at the time of a distribution musical piece opening day and the end date of a distribution musical piece Or in being at the audition opening day and audition end date time. The link which becomes downloadable [contents data or the data for an audition] from the page for Web opened to client user side 20 is stuck so that it may become acquirable [the contents data for distribution or the data for an audition] by the client user 20 side.

[0047] Thus the created page for Web While it is stored in Web server 110b and an inspection becomes possible from client user side 20 the page preparing means 105 for Web deletes the link in the contents about the information which passed over the time and the page for Web with reference to the time of the end date of information disclosure indicated to the information table.

[0048] The hour entry indicated to the information table as mentioned above is followed and the page for [various] Web and its link are automatically created or deleted by computer and become manageable [the page for Web according to a hour entry]. As a result contents distribution side 10 can manage the information opened to client user side 20 by time.

[0049] On the other hand the contents data distributed to client user side 20 and the data for an audition are also stored in the streaming server 110a Web server 110b etc. according to the hour entry indicated to the information table. The page

preparing means 105 for Web stores in Web server 110b only contents data and the data for an audition in the time (namely time of the between at the time of a distribution musical piece opening day and the end date of a distribution musical piece) which can be distributed.

[0050] The information table stored in the master database 103 is periodically referred to also from the sound-source server 108 and only the contents data or the data listening can be tried in the time which can be distributed is stored in the streaming server 110a. Thus it becomes possible to release contents data to client user side 20 all at once on a removal-of-the-ban day regardless of distribution media only by indicating and setting up the removal-of-the-ban day at the time of the distribution musical piece opening day of an information table.

[0051] In this way the sound-source server 108 and the page preparing means 105 for Web While the contents data or the data for an audition in the time which can be distributed is stored in the streaming server 110a or Web server 110b About the contents data or the data for an audition (namely contents data or data for an audition which passed over the time of the end date of a distribution musical piece or the time listening can be tried) which passed over the time which can be distributed it deletes from the streaming server 110a or Web server 110b.

[0052] As mentioned above contents distribution side 10 The information table in which the hour entry concerning contents data was indicated is referred to It becomes possible [a desired period] to store automatically the contents data which should be distributed and the data for an audition by computer in each distributing server 110 such as the streaming server 110a and Web server 110b. As a result contents distribution side 10 can manage the contents data or the data listening can be tried distributed to client user side 20 by time.

[0053] In the above-mentioned explanation although operation of the page preparing means 105 for Web was explained as an example mainly The page preparing means 107 for mobile the picture server 109 etc. refer to periodically the hour entry of the information table in the database 106 for mobile or the master database 103 Creation storing and deletion of the page for mobile and storing and deletion of contents data or the data for an audition are performed.

[0054] According to an example of the page for Web with which client user side 20 is provided management of the contents data in above contents distribution side 10 is explained. Drawing 5 is a mimetic diagram showing an example of the display screen at the time of perusing the page for Web provided from the contents distribution side by the client user side.

[0055] In drawing 5 an artist's "AAA"'s CD album "BBB" is just before sale and from client user side 20. An example in the case of perusing the page for Web provided when the contents data of the 1st music of the CD album "BBB" can be heard via the streaming server 110a is shown.

[0056] The link of the above-mentioned newly-released-piece-of-music introduction page an artist introduction page a retrieval page etc. is displayed on the TOP page shown in drawing 5 (a). When the link of "newly released record information" of the TOP page shown in this drawing 5 (a) is chosen the newly-

released-piece-of-music introduction page shown in drawing 5 (b) is displayed.

[0057]The link of "above-mentioned extolment" on sale and "sale nearness" release news flashetc.etc. is displayed on the newly-released-piece-of-music introduction page shown in drawing 5 (b). Heredesired information is information on an artist's "AAA"'s CD album "BBB" and since CD album "BBB" is just before salethe link of "put nearness" is chosen. In this casethe sale close page by which the information about the album of put nearness shown in drawing 5 (c) was published is displayed.

[0058]A list of CD album put on the market within a period predetermined [such as less than one etc. week] from the present time is displayed on the sale close page shown in drawing 5 (c)for example. In drawing 5 (c)it also turns out that an artist's "CCC"'s CD album "DOD" is put on the market on the same day (* moon * day) other than an artist's "AAA"'s CD album "BBB"for example. Hereselection of an artist's "AAA"'s CD album "BBB" will display the introduction page of BBB shown in drawing 5 (d).

[0059]Also by choosing artist introductory informationand choosing an artist "AAA" on the TOP page shown in drawing 5 (a)or searching an artist "AAA" and CD album "BBB" with a retrieval pageIt is possible to display the BBB introduction page which is introducing CD album "BBB."

[0060]The list "BBB-1" of the musical piece names recorded on CD album "BBB" else [such as a release date and information on a price] about CD album "BBB" and "BBB-2" -- are displayed on the BBB introduction page shown in drawing 5 (d).

[0061]present side and contents distribution side 10 -- the musical piece "BBB-1" of the 1st music of this CD album "BBB" -- it was accepted and has set up from client user side 20 download of contents data be possible as streaming data. That iswhile the present time is the time of the between at the time of the distribution opening day in the distribution musical piece information table concerning "BBB-1" of the 1st music set up from the data input unit 102and a distribution end dateit is set up about other musical pieces distribution of contents data be impossible.

[0062]As for the musical piece to which distribution of contents data is performedas it clearly shown in client user side 20 that the download is possibleit is preferred to display a specific mark. In drawing 5 (d)the note mark is added to the contents data of the musical piece "BBB-1"and download of the contents data of a musical piece "BBB-1" is possible by choosing this note mark.

[0063]Although client user side 20 can download a musical piece "BBB-1" now from the streaming server 110aFor examplewhen the time of the distribution end date in the distribution musical piece information table corresponding to a musical piece "BBB-1" is set as predetermined time. If it passes over the predetermined timethe page preparing means 105 for Web will remove the note mark added to "BBB-1"and will delete the link to contents data.

[0064]The sound-source server 108 is also referring to the distribution musical piece information table of "BBB-1" stored in the master database 103The time of

the distribution end date of this musical piece "BBB-1" is detected and the contents data corresponding to a musical piece "BBB-1" is deleted from the streaming server 110a at the same time that time passes. Thus the contents data itself stored in the streaming server 110a with which the link corresponds is deleted from the streaming server 110a at the same time the note mark which is a link to contents data is deleted (a link deletes).

[0065] As a result a link remains in the page for Web like [at the time of deleting only contents data] The contents data of a link destination does not exist but an error message is displayed [stop / *****]. Contents data remains in the streaming server 110a and it becomes without downloading contents data to the client user who has memorized the link destination by the bookmark etc.

[0066]

[Effect of the Invention] As mentioned above as explained according to this invention to a master database. Store the information table including various hour entries concerning the contents data which should be distributed and the page preparing means for Web and the page preparing means for mobile. While creating a page including the information about contents data referring to the hour entry to a streaming server. Since only the contents data in which distribution is permitted is stored by the hour entry. By the hour entry stored in the master database the mode of all information and the mode of distribute information concerning contents data are manageable. The input mistake by handicraft is lost. Reduction of labors is aimed at and it becomes possible in two or more distribution services for the user terminal of two or more kinds to unify and manage creation public presentation etc. of information concerning distribution of contents data or distribution of contents data by computer.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is a lineblock diagram showing an example of a contents distribution system which realizes the contents managing device and contents management method of this invention.

[Drawing 2] It is a mimetic diagram showing an example of the artist information table stored in the master database.

[Drawing 3] It is a mimetic diagram showing an example of the commodity information table stored in the master database.

[Drawing 4] It is a mimetic diagram showing an example of the distribution musical piece information table stored in the master database.

[Drawing 5] It is a mimetic diagram showing an example of the display screen at the time of perusing the page for Web provided from the contents distribution side by the client user side.

[Description of Notations]

10 Contents distribution side

20 Client user side
30 Network
101 Contents database
102 Data input unit
103 master database (information storing means)
104 The database for Web
105 page preparing means for Web (an information preparing meansinformation control means)
106 The database for mobile
107 page preparing means for mobile (an information preparing meansinformation control means)
108 Sound-source server (information control means)
109 Picture server (information control means)
110 Distributing server (offer-of-information means)
110a Streaming server
110b Web server
110c The server for mobile
111 The voice streaming system for portable telephones
201 User terminal
201a PC
201b Portable communication terminal
201c Portable telephone
301 Internet
302 Telephone network
303 Portable telephone network
304 GW
